

## Patent Abstracts of Japan

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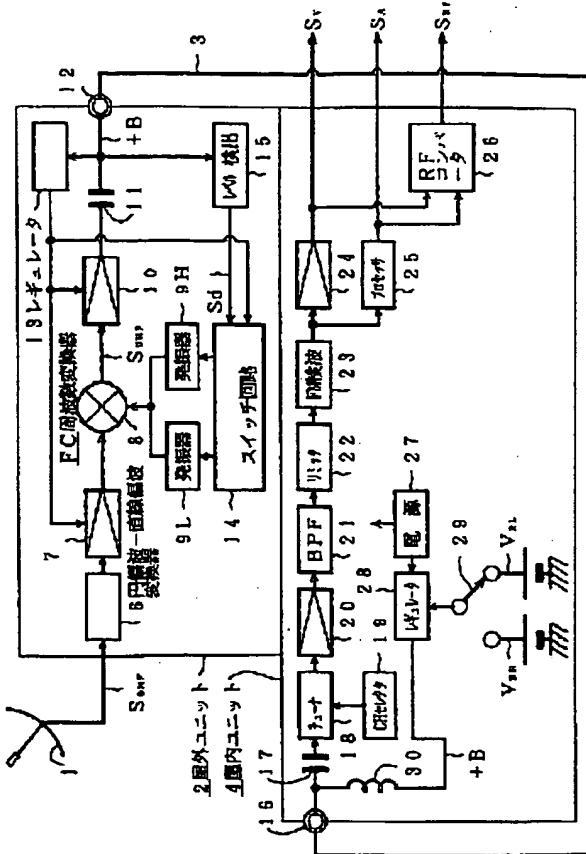
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TITLE : SHF RECEIVER



ABSTRACT : PURPOSE: To convert the frequency of an outdoor unit without extending a cable by operating a local oscillator A or B by the outdoor unit corresponding to an operating voltage A or B supplied from an indoor unit via a coaxial cable.

CONSTITUTION: The outdoor unit 2 converts a broadcast signal SSHF from an antenna 1 to a signal SUHF, which is supplied to the indoor unit 4 via the coaxial cable 3. A power source circuit 27 in the unit 4 supplies a power source required for the inside, and a regulator 28 outputs a voltage +B of 10 or 15V by selecting a reference voltage VRH or VRL by a switch circuit 29. A regulator 13 in the unit 2 supplies the voltage +B to each internal circuit by changing the voltage to a constant voltage via the cable 3, and a level detection circuit 15 outputs a signal Sd based on the voltage +B of 10 or 15V. A switch circuit 14 operates the local oscillator 9L or 9R corresponding to the signal Sd, and a mixer 8 outputs a signal SUHF of a first or second band. In this way, the frequency conversion of the unit 2 can be performed without providing a cable separately.

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